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24. A shared clock arrangement comprising:
 a first clock outputting a first clock signal;
 a second clock outputting a second clock signal;
 a correlator that is connected to the first clock and the 5 second clock
 for correlating the first clock signal with the second clock signal and output a correlated clock signal;
 a frame generator connected to the first clock and for 10 receiving the first clock signal and outputting a corresponding generated frame signal; and
 a comparator connected to the correlator and the frame generator and for measuring the algebraic sum of the

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correlated clock signal and the generated frame signal and outputting a corresponding summed output clock signal.

25. The shared clock arrangement as recited in claim **24**, further comprising:

a message generator connected to the comparator for formatting the summed output clock signal for use with at least one mobile telecommunications network resource selected from a group comprising a mobile terminal and a base station.

26. The shared clock arrangement as recited in claim **24**, wherein the second clock signal is a Global Positioning System (GPS) clock signal.

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